

IN THE CLAIMS

Please amend the claims as follows.

1-12. (canceled)

13. (currently amended) A solid support for analytical measurement methods which comprises an inert solid support material on which hydrophilic measurement zones are each surrounded by a hydrophobic zone and wherein a hydrophilic ~~discontinuities~~ area ~~separate~~ separates the hydrophobic zones from one another, and where the number of measurement points applied per cm² of the support is greater than or equal to 10.

14. (previously presented) A solid support as claimed in claim 13, wherein the hydrophilic measurement zones applied to the substrate are separated from one another by non-continuous hydrophobic zones in the forms of rings.

15. (currently amended) A support as claimed in claim 13, wherein the support material ~~used~~ is glass, ceramic, quartz, metal, stone, plastic, rubber silicon or porcelain.

16. (currently amended) A support as claimed in claim 13, wherein a transparent support material selected from ~~the group consisting of~~ glass, quartz, silicon or plastic is used.

17. (previously presented) An analytical measurement method which comprises applying liquid analysis samples in the hydrophilic measurement zones of a support as claimed in claim 13, overlaying the hydrophilic measurement zones with a hydrophobic liquid and performing the analysis.

18. (previously presented) An analytical measurement method as claimed in claim 17, wherein the analytical measurement is carried out in an atmosphere which is virtually saturated with water vapor.

19. (previously presented) The analytical measurement method of claim 17, wherein the analytical measurement is carried out while cooling the support.

20. (previously presented) The analytical measurement method of claim 17 adapted for diagnostic methods, screening of active substances, combinatorial chemistry, crop protection, toxicology or environmental protection.

21. (previously presented) A solid support as claimed in claim 13, wherein additional surface loading is applied to the hydrophilic measurement zones.